

SBD - CM Review Form

To:	Project Review & Analysis - Construction		
From:	SBD Engineer - Eric Perez		
Department:	Miami Dade Water & Sewer Department	Contact:	Isaac Smith
Date:	6/3/2021	Resubmittal:	

PROJECT NUMBER:	S-964
PROJECT TITLE:	NW 27 AVENUE WASTE COLLECTION TRANSMISSION SYSTEM EXPANSION AND WATER DISTRIBUTION SYSTEM IMPROVEMENTS D2-A-1 PHASE 2
PROJECT LOCATION:	NW 22 Avenue from NW 79 Street to NW 90 Street

SCOPE OF WORK/DESCRIPTION:The project consists of furnishing all materials, labor, and equipment necessary for the installation of approximately 7,984 linear feet (LF) of a new Gravity Sewer system (based on approximately 3,133 LF of 8-inch Polyvinyl Chloride (PVC) gravity sewer mains and fittings, 160 LF of 8-inch Ductile Iron (DI) gravity sewer mains and fittings, 2,632 LF of 10-inch PVC gravity sewer mains and fittings, 306 LF of 12-inch PVC gravity sewer mains and fittings and 1,753 LF of 16-inch PVC gravity sewer mains and fittings) along with installation of 59 sewer lateral connections (Approximately 1,987 LF of 6-inch PVC sewer lateral mains and fittings and 38 LF of 6-inch DI lateral mains and fittings) and 26 manhole structures along NW 27th Avenue, between NW 107th Street and NW 123rd Street, and including the following adjoining streets: NW 123rd Street, NW 119th Street, NW 118th Street, NW 115th Street, and W Golf Drive. The installation along NW 27th Avenue and NW 119th Avenue falls within the Florida Department of Transportation's (FDOT) Right-of-Way, requiring coordination with FDOT to obtain the appropriate permits for construction.

LICENSES: The types of licenses required are: General Engineering, State Underground, Pipeline and/or other categories as applicable by Chapter 489 of the Florida Statutes or Chapter 10 of Miami-Dade County Code.

SPECIAL CONDITIONS: A. The project involves the construction of gravity sanitary sewers at deep cut depths and the installation of precast concrete manholes, which requires the use of large equipment and capable of deeper trench installations. B. The project requires utility installation in areas of known contamination; therefore the contractor is required to provide viton gaskets and trench liner.

TRADES/SUBTRADES	AMOUNT		COMMENTS
Pipelines/ General Engineering			
Mobilization	\$412,090.00		
Erosion and Sedimentation Controls	\$44,126.00		
Sell & deliver Precast Structures	\$114,439.00		
Install Precast Structures	\$484,536.00		
Sell & deliver C-900 Sewer Pipe	\$318,887.00		
Install C-900 Sewer Pipe	\$653,675.00		
Sell & deliver C-900 Fittings	\$110,234.00		
Sell & deliver C-905 Sewer Pipe	\$89,965.00		
Install mainline sewer & connections	\$282,005.00		
Furnish & Install Clean-out Assembly	\$75,436.00		
Removal & replacement - Storm drain	\$16,212.00		
Sod Removal and Replacement	\$1,120.00		
Furnishing Traffic Control	\$716,033.00		
Paving			
Sidewalk, curb, gutter & median restoration	\$9,927.00		
Milling 1" Nominal	\$265,319.00		
Protective Reinforced Concrete Slab	\$3,268.00		
Limerock Base	\$254,394.00		
Asphaltic Concrete Surface Course	\$657,741.00		
Pavement Marking Restoration	\$23,586.00		
BASE TOTAL	\$4,532,993.00	90.91%	
Contingency Allowance (10% of Base Estimate)	\$453,299.30	9.09%	
TOTAL AMOUNT	\$4,986,292.30	100.00%	

Small Business Development Signature: Eric Perez Date: 6/3/2021
***Trades/Sub-Trades identified for possible subcontracting opportunities by SBD CM**
WASD is recommending 14.09%